

Amendments to the Claims

Claims 1-19 (Canceled)

Claim 20 (Previously Presented) A map display device for converting externally provided communications information into an applicable object model for arrangement on a map image, said map display device comprising:

an input part for receiving an instruction from a user;

a map data storage part for storing map data;

an object model display information storage part for storing object model display information for displaying at least one object model having a shape which allows the user to understand content of the communications information on the map image;

a communications part for receiving the communications information, the communications information including information which varies in real time and information specifying at least one faregate to be passed through, and transmitting charge information for processing if a predetermined condition is satisfied;

a map data arranging part for creating the at least one object model by interpreting the communications information and the object model display information provided by said object model display information storage part, arranging the at least one object model at a position on the map image based on the communications information, and generating the charge information if the predetermined condition is satisfied;

a display part for displaying a resultant map image including the map image and the at least one object model obtained by said map data arranging part; and

a ticket information storage part for storing ticket information corresponding to a ticket used for paying a fare for a predetermined chargeable section, wherein

said map data arranging part generates the ticket information stored in said ticket information storage part when the ticket is purchased,

the ticket information includes information about an expiration date of the ticket, and

said map data arranging part refers to the information about the expiration date of the ticket, and if the expiration date is approaching, creates a message for display on said display part.

Claims 21-39 (Cancelled)

Claim 40 (Previously Presented) A navigation device for converting externally provided communications information into an applicable object model for arrangement on a map image, and providing guidance to a destination, said navigation device comprising:

an input part for receiving an instruction from a user;

a position detection part for detecting a current position;

a map data storage part for storing map data;

an object model display information storage part for storing object model display information for displaying at least one object model having a shape which allows the user to understand content of the communications information on the map image;

a route selection part for selecting a route to the destination based on the instruction provided by said input part, the current position detected by said position detection part, and the map data stored in said map data storage part;

a communications part for receiving the communications information, the communications information including information which varies in real time and information specifying at least one faregate to be passed through, and transmitting charge information for charge processing if a predetermined condition is satisfied;

a map data arranging part for creating the at least one object model by interpreting the communications information and the object model display information provided by said object model display information storage part, arranging the at least one object model at a position on the map image based on the communications information, and generating the charge information if the predetermined condition is satisfied;

a guiding part for providing the guidance to the destination in response to the communications information received by said communications part, the route selected by said route selection part, the current position detected by said position detection part, and the map data provided by said map data storage part, and outputting a resultant map image including the map image and the at least one object model obtained by said map data arranging part;

a display part for displaying the resultant map image outputted from said guiding part;

and

a ticket information storage part for storing ticket information corresponding to a ticket used for paying a fare for a predetermined chargeable section, wherein

 said guiding part generates the ticket information stored in said ticket information storage part when the ticket is purchased,

 the ticket information includes information about an expiration date of the ticket, and

 said map data arranging part refers to the information about the expiration date of the ticket, and if the expiration date is approaching, creates a message for display on said display part.

Claims 41-69 (Canceled)

Claim 70 (Previously Presented) A map display device for converting externally provided communications information into an applicable object model for arrangement on a map image, said map display device comprising:

 an input part for receiving an instruction from a user;

 a map data storage part for storing map data;

 an object model display information storage part for storing object model display information for displaying at least one object model having a shape which allows the user to understand content of the communications information on the map image;

 a communications part for receiving the communications information, the communications information including information which varies in real time and information specifying at least one faregate to be passed through, and transmitting charge information for charge processing if a predetermined condition is satisfied;

 a map data arranging part for creating the at least one object model by interpreting the communications information and the object model display information provided by said object model display information storage part, arranging the at least one object model at a position on the map image based on the communications information, and generating the charge information if the predetermined condition is satisfied;

 a display part for displaying a resultant map image including the map image and the at least one object model obtained by said map data arranging part; and

a ticket information storage part for storing ticket information corresponding to a ticket used for paying a fare for a predetermined chargeable section, wherein

 said map data arranging part generates the ticket information stored in said ticket information storage part when the ticket is purchased, and

 said map data arranging part changes the communications information based on the ticket information.

Claim 71 (Canceled)

Claim 72 (Previously Presented) A navigation device for converting externally provided communications information into an applicable object model for arrangement on a map image, and providing guidance to a destination, said navigation device comprising:

 an input part for receiving an instruction from a user;

 a position detection part for detecting a current position;

 a map data storage part for storing map data;

 an object model display information storage part for storing object model display information for displaying at least one object model having a shape which allows the user to understand content of the communications information on the map image;

 a route selection part for selecting a route to the destination based on the instruction provided by said input part, the current position detected by said position detection part, and the map data stored in said map data storage part;

 a communications part for receiving the communications information, the communications information including information which varies in real time and information specifying at least one faregate to be passed through, and transmitting charge information for charge processing if a predetermined condition is satisfied;

 a map data arranging part for creating the at least one object model by interpreting the communications information and the object model display information provided by said object model display information storage part, arranging the at least one object model at a position on the map image based on the communications information, and generating the charge information if the predetermined condition is satisfied;

a guiding part for providing the guidance to the destination in response to the communications information received by said communications part, the route selected by said route selection part, the current position detected by said position detection part, and the map data provided by said map data storage part, and outputting a resultant map image including the map image and the at least one object model obtained by said map data arranging part;

a display part for displaying the resultant map image outputted from said guiding part; and

a ticket information storage part for storing ticket information corresponding to a ticket used for paying a fare for a predetermined chargeable section, wherein

said guiding part generates the ticket information stored in said ticket information storage part when the ticket is purchased, and

said guiding part changes the communications information based on the ticket information.

Claim 73 (Canceled)